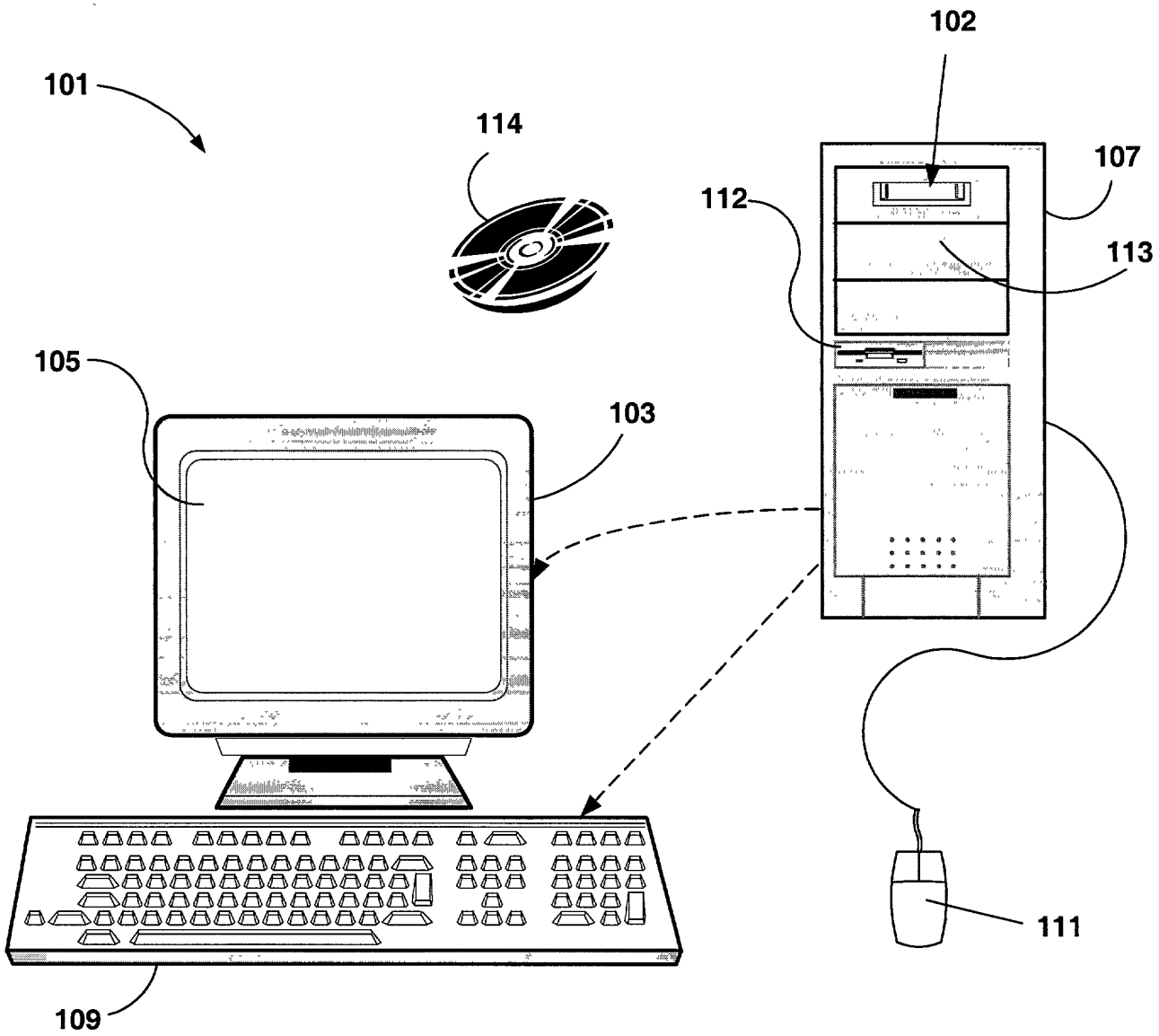

Figure 1

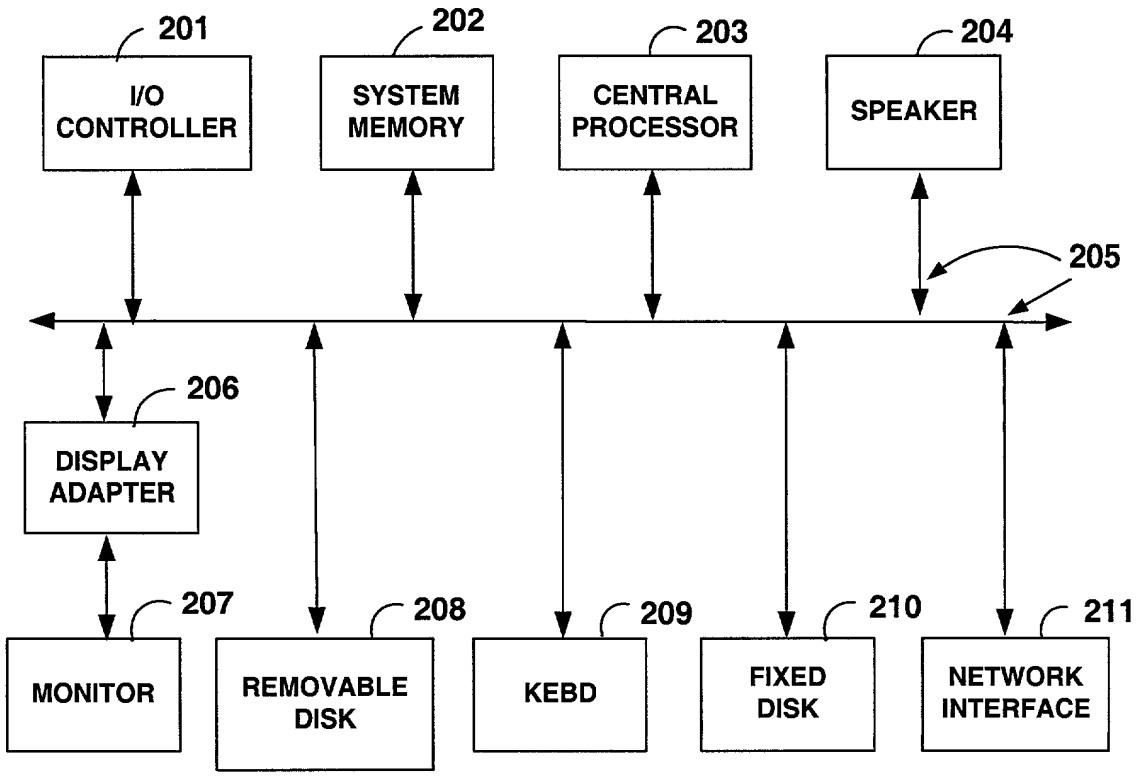
201
I/O CONTROLLER
202
SYSTEM MEMORY
203
CENTRAL PROCESSOR
204
SPEAKER
205
206
DISPLAY ADAPTER
207
MONITOR
208
REMOVABLE DISK
209
KEBD
210
FIXED DISK
211
NETWORK INTERFACE

Figure 2

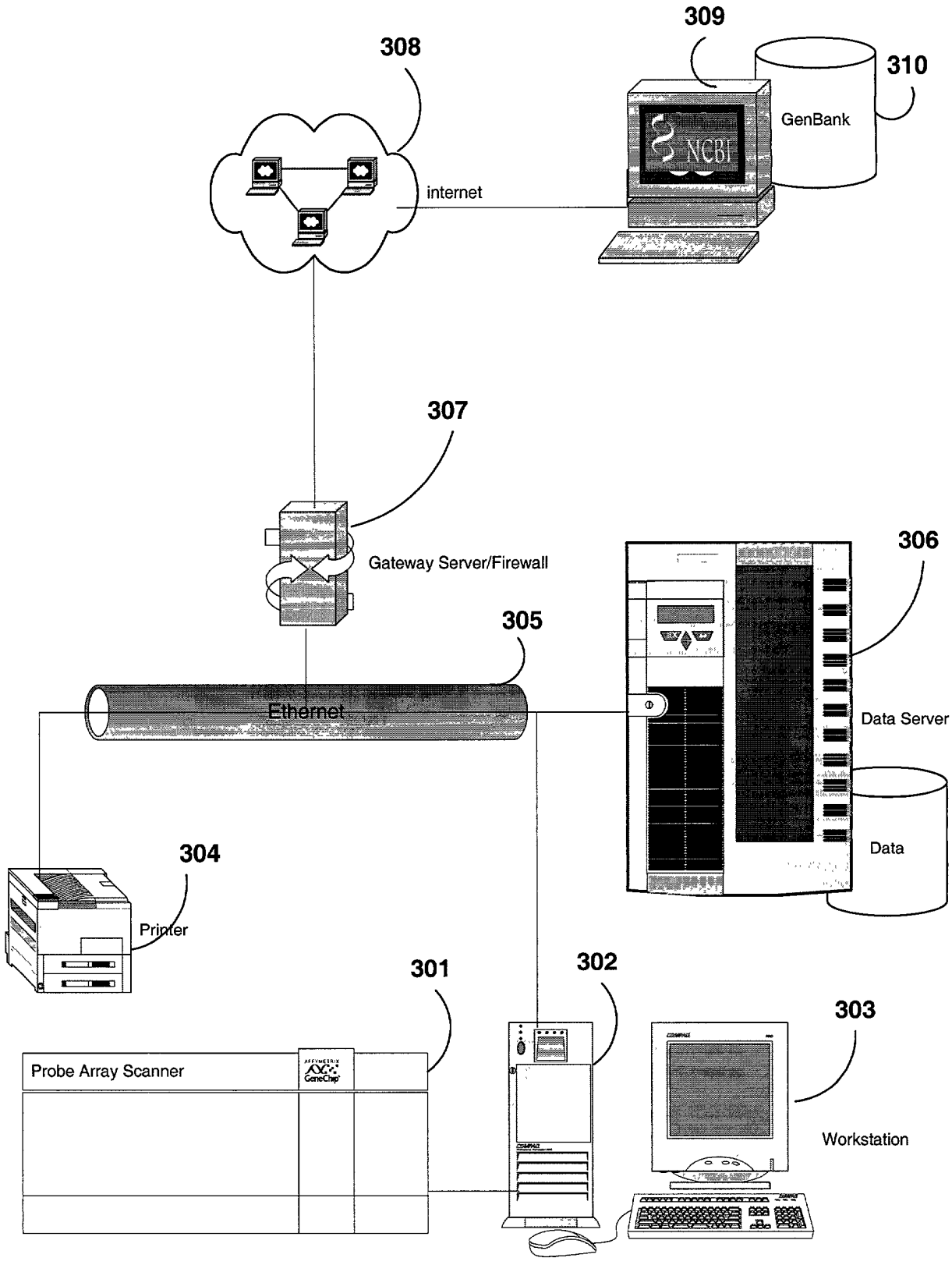
309
308
310
GenBank
NCBI
internet
307
Gateway Server/Firewall
306
305
Ethernet
Data Server
Data
304
Printer
301
302
303
Probe Array Scanner
GeneChip
Workstation

FIGURE 3

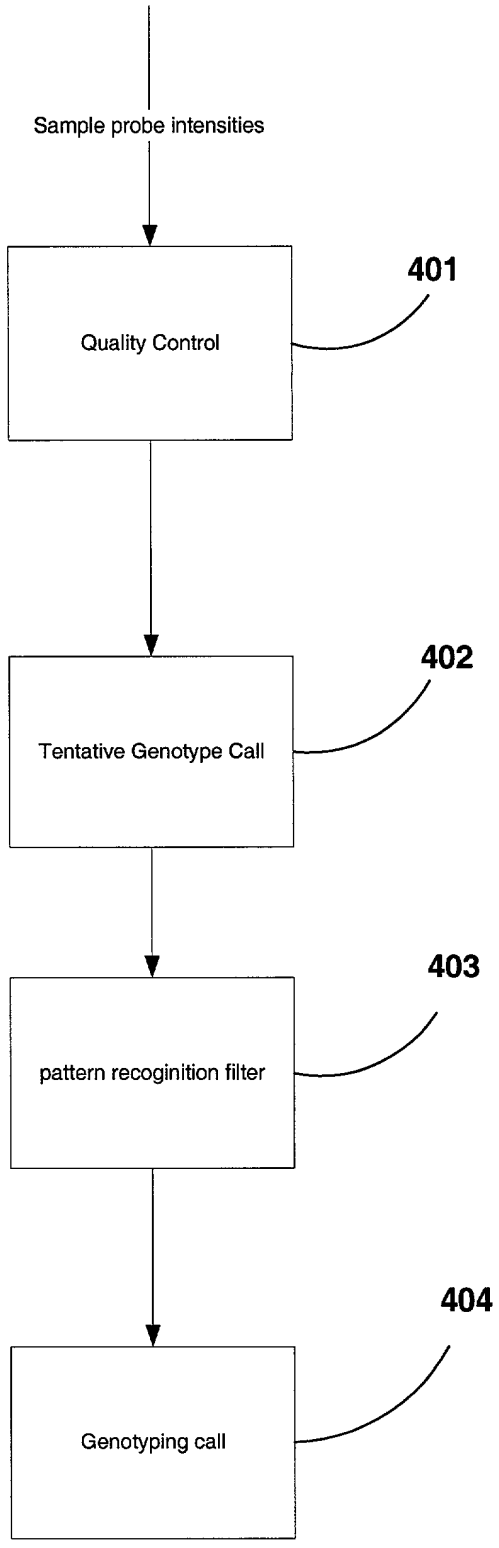
Sample probe intensities
Quality Control
401
Tentative Genotype Call
402
pattern recoginition filter
403
Genotyping call
404

FIGURE 4

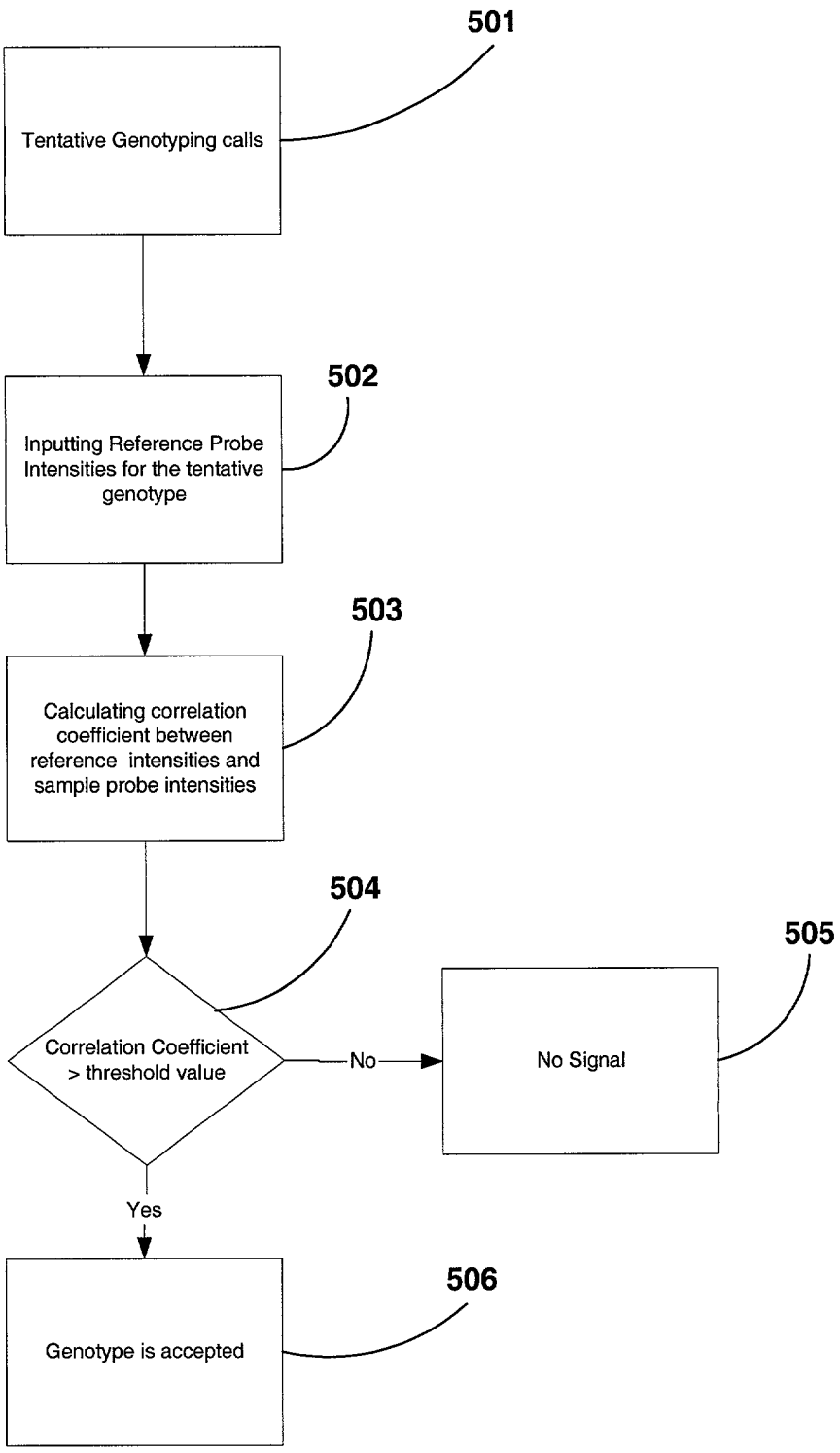
501
Tentative Genotyping calls
502
Inputting Reference Probe Intensities for the tentative genotype
503
Calculating correlation coefficient between reference intensities and sample probe intensities
504
Correlation Coefficient > threshold value
No
505
No Signal
Yes
506
Genotype is accepted

FIGURE 5